



Datasheet for ABIN263197
anti-IGFBP6 antibody (Internal Region)



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3 Images

Overview

Quantity:	100 µg
Target:	IGFBP6
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IGFBP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	IGFBP6
Immunogen:	Peptide with sequence C-RPQDVNRRDQQRNP, from the internal region of the protein sequence according to NP_002169.1.
Sequence:	RPQDVNRRDQ QRNP
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

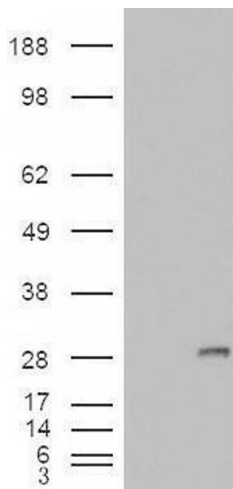
Target:	IGFBP6
Alternative Name:	IGFBP6 (IGFBP6 Products)
Background:	IGFBP6 , insulin-like growth factor binding protein 6 , IBP6, IGF binding protein 6
Gene ID:	3489
NCBI Accession:	NP_002169
Pathways:	WNT Signaling , Myometrial Relaxation and Contraction

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx. 25 kDa band observed in Human Adrenal Gland lysates (calculated MW of 25.3 kDa according to NP_002169.1). In transfected HEK293 transiently expressing IGFBP6 a band of approx. 29 kDa is observed. This band is not observed in the non-tr</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

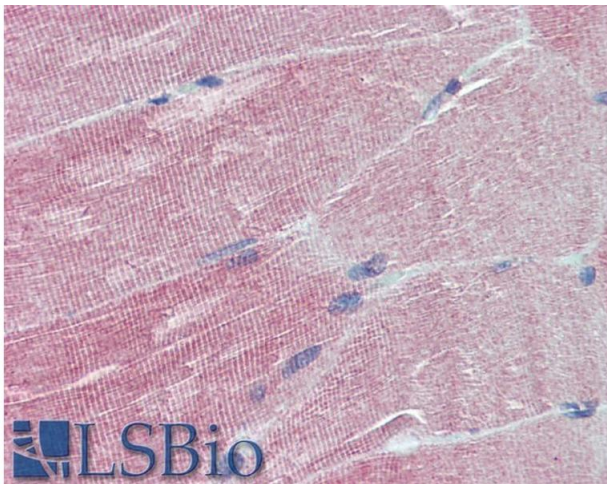


Western Blotting

Image 1. HEK293 overexpressing IGFBP6 (ABIN5403880) and probed with ABIN263197 (mock transfection in first lane).



Image 2. ABIN263197 (0.5µg/ml) staining of Human Adrenal Gland lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN263197 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.